Postdoctoral researcher Mercedeh ERFANIAN

Academic Department: Email: Mercedeh.ERFANIANGHASAB@essca.fr

RESEARCH INTERESTS

- Behavioral sciences
- Neuroscientific methods
- Psychology

EDUCATION

Highest degree :

2023	Doctor of Philosophy "Auditory cognitive neuroscience". Bartlett School of Architecture (IEDE) & Ear Institute, University College London, United Kingdom *Psychophysiology index of soundscape (SSID)- European Research Council Fund (ERC). Supervisor: Prof. Jian Kang, Prof. Maria Chait*
2018	Dual Postgraduate Research Master "Affective neuroscience". Department of Neuroscience and Psychology, Maastricht University and University of Florence (Joint degree), Maastricht University, Netherlands (The)
2009	Master of Science "Clinical psychology"- Department of Psychology and Brain Science,, Azad Islamic University, Iran
2007	Bachelor of Science "Clinical psychology"- Department of Psychology and Brain Science, Azad Islamic University, Iran

ACADEMIC AND PROFESSIONAL EXPERIENCE

Academic career

Since 2024	Postdoctoral researcher, ESSCA School of Management, France
Since 2022	Research Fellow, HSCRI, United Kingdom
2019 - 2024	Research consultant and Teaching Fellow, Institute of Psychiatry, King's College London, United Kingdom
2021 - 2022	Research assistant, Bartlett School of Architecture, University College London, United Kingdom
2018 - 2021	Collaborator of Dr. Sukhbinder Kumar onThe Motor Basis of Misophonia Project. Institute of Neuroscience- Newcastle University and University College London
2018 - 2020	Teacher (on temporary assignment), University College London, United Kingdom
2014 - 2016	Research Assistant (voluntary work) - Department of Brain and Cognition, University of Amsterdam, Netherlands (The)
2003 - 2007	Teaching Assistant - Department of Psychology and Brain Science, Azad Islamic University, Iran

ACADEMIC AND PROFESSIONAL EXPERIENCE

Academic career

Company career path

2011 - 2012   Clinical Psychologist - United Nation High Commissionaire of Refugees (UNHCR), Iran

2009 - 2012   Clinical psychologist - Kian Psychiatric Clinic, Iran

2006 - 2009   Clinical Psychology (voluntary work), Iran

GRANTS AND HONORS

2024   SoQuiet - Misophonia Student Research Grants, -

2020   The UCL Health of the Public Small Grants, University College London, United Kingdom

2019   The Performance Lab Seed Funding, University College London, United Kingdom

2018   Elite Researcher ACP waiver Taylor & Francis for open access article publication, -

2018   ERC project fund in Engineering and Environment Design Institute, University College London, United Kingdom

2016   ICOCS- OCRN International College of Obsessive-Compulsive Disorders, Herman Westenberg Prize for the best article, -

2013   Junior researcher grant, Maastricht University, Netherlands (The)

2012   Junior researcher grant, Maastricht University, Netherlands (The)

INTELLECTUAL CONTRIBUTIONS

Peer-reviewed articles

AAZH, H., HAYES, C., ERFANIAN, M., MOORE, B.C.J. and VITORATOU, S. (2024). Confirmatory factor analysis of the Hyperacusis Impact Questionnaire, Sound Sensitivity Symptoms Questionnaire, and Screening for Anxiety and Depression in Tinnitus, including preliminary analyses of the parent versions for use with children. *Journal of the American Academy of Audiology*.

ALETTA, F., OBERMAN, T., MITCHELL, A., ERFANIAN, M. and KANG, J. (2023). Soundscape experience of public spaces in different world regions: A comparison between the European and Chinese contexts via a large-scale on-site survey. *The Journal of the Acoustical Society of America*, 154(3), pp. 1710-1734.

KANG, J., ALETTA, F., OBERMAN, T., MITCHELL, A. and ERFANIAN, M. (2023). Subjective evaluation of environmental sounds in context-towards Soundscape Indices (SSID). -, Forum Acusticum, pp. 11- 15.

KANG, J., ALETTA, F., OBERMAN, T., MITCHELL, A., ERFANIAN, M., TONG, H. ... CHEN, X. (2023). Supportive soundscapes are crucial for sustainable environments. *Science of the Total Environment*, 855, pp. 158868.

MITCHELL, A., ERFANIAN, M., SOELISTYO, C., KANG, J., ALDRIDGE, R., XUE, J.H. and ALETTA, F. (2022). Effects of Soundscape Complexity on Urban Noise Annoyance Ratings: A Large-Scale Online Listening Experiment. *International Journal of Environmental Research and Public Health*, 19(22).

AAZH, H., ERFANIAN, M., DANESH, A.A. and MOORE, B.C.J. (2022). Audiological and Other Factors Predicting the Presence of Misophonia Symptoms Among a Clinical Population Seeking

Help for Tinnitus and/or Hyperacusis. *Frontiers in Neuroscience*, 16.

SWEDO, S.E., BAGULEY, D.M., DENYS, D., DIXON, L.J., ERFANIAN, M., FIORETTI, A. ... RAVER, S.M. (2022). Consensus Definition of Misophonia: A Delphi Study. *Frontiers in Neuroscience*, 16.

VITORATOU, S., UGLIK-MARUCHA, N., HAYES, C., ERFANIAN, M., PEARSON, O. and GREGORY, J. (2021). Item Response Theory Investigation of Misophonia Auditory Triggers. *Audiology Research*, 11(4), pp. 567-581.

ERFANIAN, M., MITCHELL, A., ALETTA, F. and KANG, J. (2021). Psychological well-being and demographic factors can mediate soundscape pleasantness and eventfulness: A large sample study. *Journal of Environmental Psychology*, 77, pp. 101660.

MITCHELL, A., OBERMAN, T., ALETTA, F., KACHLICKA, M., LIONELLO, M., ERFANIAN, M. and KANG, J. (2021). Investigating urban soundscapes of the COVID-19 lockdown: A predictive soundscape modeling approach. *The Journal of the Acoustical Society of America*, 150(6), pp. 4474-4488.

KUMAR, S., DHEERENDRA, P., ERFANIAN, M., BENZAQUÉN, E., SEDLEY, W., GANDER, P.E. ... GRIFFITHS, T.D. (2021). The Motor Basis for Misophonia. *The Journal of Neuroscience*, 41(26), pp. 5762-5770.

MITCHELL, A., OBERMAN, T., ALETTA, F., ERFANIAN, M., KACHLICKA, M., LIONELLO, M. and KANG, J. (2020). The Soundscape Indices (SSID) Protocol: A Method for Urban Soundscape Surveys—Questionnaires with Acoustical and Contextual Information. *Applied Sciences*, 10(7), pp. 2397.

ALETTA, F., OBERMAN, T., MITCHELL, A., ERFANIAN, M., LIONELLO, M., KACHLICKA, M. and KANG, J. (2019). Associations between soundscape experience and self-reported wellbeing in open public urban spaces: a field study. *The Lancet*, 394, pp. S17.

ERFANIAN, M., MITCHELL, A.J., KANG, J. and ALETTA, F. (2019). The Psychophysiological Implications of Soundscape: A Systematic Review of Empirical Literature and a Research Agenda. *International Journal of Environmental Research and Public Health*, 16(19), pp. 3533.

MITCHELL, A., ALETTA, F., OBERMAN, T., ERFANIAN, M., KACHLICKA, M., LIONELLO, M. and KANG, J. (2019). Making cities smarter with new soundscape indices. *The Journal of the Acoustical Society of America*, 146(4_Supplement), pp. 2873-2873.

ERFANIAN, M., KARTSONAKI, C. and KESHAVARZ, A. (2019). Misophonia and comorbid psychiatric symptoms: a preliminary study of clinical findings. *Nordic Journal of Psychiatry*, 73(4-5), pp. 219-228.

ERFANIAN, M. and ROUW, R. (2018). EMOTIONAL AND COGNITIVE CHARACTERISTICS OF MISOPHONIA. *European Neuropsychopharmacology*, 28(6), pp. 780-781.

ROUW, R. and ERFANIAN, M. (2018). A LargeScale Study of Misophonia. *Journal of Clinical Psychology*, 74(3), pp. 453-479.

ERFANIAN, M. (2018). Childhood trauma: a risk for major depression in patients with psoriasis. *Psychiatry and Clinical Psychopharmacology*, 28(4), pp. 378-385.

BROUT, J.J., EDELSTEIN, M., ERFANIAN, M., MANNINO, M., MILLER, L.J., ROUW, R. ... ROSENTHAL, M.Z. (2018). Investigating Misophonia: A Review of the Empirical Literature, Clinical Implications, and a Research Agenda. *Frontiers in Neuroscience*, 12.

ERFANIAN, M., BROUT, J.J. and KESHAVARZ, A. (2017). Misophonia and affective disorders: The relationship and clinical perspective. *European Psychiatry*, 41(S1), pp. S471-S471.

ERFANIAN, M. and KESHAVARZ, A. (2014). A Comparative Study in Efficacy of Group Cognitive Behavioral Therapy and Group Hypnotherapy on Depression. *OALib*, 01(03), pp. 1-5.

Conference proceedings

MITCHELL, A., ALETTA, F., OBERMAN, T., ERFANIAN, M. and KANG, J. (2024). A conceptual framework for the practical use of predictive models and Soundscape Indices: Goals, constraints, and applications. In: *INTER-NOISE and NOISECON Congress and Conference Proceedings*. pp. 2108-2118.

KANG, J., ALETTA, F., OBERMAN, T., MITCHELL, A. and ERFANIAN, M. (2023). On the development of soundscape indices (SSID). In: *Proceedings of the International Congress on Sound and Vibration*.

Conference papers (with selection committee)

ERFANIAN, M. (2023). Pupil dilation response as an objective index of 1/f behaviour of coloured noises. In: Basic Auditory Science (BAS). Dyson School of Design Engineering at Imperial College London.

ERFANIAN, M. (2022). Loudness is tied to stronger skin conductance and affective responses of auditory perception. In: 62nd Society for Psychophysiological Research (SPR) Annual Meeting. Vancouver, British Columbia.

ERFANIAN, M. (2022). Neuropathology of Misophonia. In: The 6th International Conference on Hyperacusis and Misophonia. Birkbeck College, University of London.

ERFANIAN, M. (2021). Psychological Well-being and Demographic Factors can Mediate Soundscape Pleasantness and Eventfulness: A large sample study. In: 32nd International congress of Psychology. Prague.

ERFANIAN, M. (2019). Misophonia severity is attributed to affective empathy: The malfunction of Anterior insula cortex. In: 5th Annual Misophonia Convention. Denver.

RESEARCH ACTIVITIES

Service to the academic discipline

Active member of a recognised scientific or academic association

Since 2015   Fellow Researcher and Member of advisory board, International Misophonia Research Network-, United States of America

Scientific committee of an academic conference

Since 2019   ICHM Conference Scientific Secretary, Birkbeck University, United Kingdom